Operator’s Spotlight
A Conversation with Wade Barnett

Depending on what water system one works for determines the day-to-day operations for that system. For the most part, most water systems throughout North Carolina are operated the same; pipes are buried in the ground and treated water flows through them daily to supply the needs of all the towns and cities across the state. The one water system to do just this very thing is the one in place at Mount Mitchell State Park; however, its pipes are buried five feet in the ground and water is placed in holding tanks a half mile below the mountain with mammoth pumps and lift stations to get the water to the park for its visitors, restaurant (Built in 1954), and personnel barracks.

Wade Barnett, maintenance manager for the state park, is in charge of this elaborate water and sewer system. He has been with the state park for 12 years and absolutely loves his job and enjoys talking about it because it is very different than your average, run-of-the-mill water/sewer facility.

“On the water side, we pump our water from half mile below to holding tanks, a 27,000 gallon tank, a 20,000 gallon, a 10,000 gallon, and a 1,200 gallon,” says Barnett. “It’s really an elaborate system. There is no water up there. We are at 6,684 elevation and we have to pump it from a half mile below.”

Along with his water system, he has to maintain a drip irrigation system that is used to irrigate the spruce trees in the park. He says that system has to be shut down by October 14 because the winters are so harsh.

“The first week in February of this year the wind chill was -44,” he says. “Each 1,000 foot you go in elevation is like going 600 miles north. I have seen 120 MPH winds up there. We have to bury all of our water lines about 5 feet deep to protect them.”

Back in 2009, Barnett oversaw a half million dollar upgrade to the system. He had a scada system put in which has been a blessing to him. From the water treatment plant to the top is a 38 mile commute. Keep in mind, you have to be within 50 miles of your treatment plant.

“The scada system has taken the load off,” Barnett says. “I can just mash the button half a mile up the mountain and turn my pumps on half a mile below. I go down there once or twice a week to check on things. It has an automatic chlorinator so when I start the scada, it starts the chlorinators and everything. It
has verification lights half a mile from the pumps that tell me everything is working.” Barnett is a state employee and works in the same division as DENR. He came to the water industry from the pharmaceutical industry and he says he just got tired of what he was doing and saw a job posting in the paper.

“I said, ‘That’s me right there,’” he laughs. I love meeting all the people and being outside. I get the traffic count on the Blue Ridge Parkway in the morning, unlock the gate to the park and I start. I go straight to waste treatment and start pumping water at the same time.”

Barnett has just returned from an ATV excursion in Colorado with his son. This was his 23rd visit to the Centennial State. With his work schedule, eight, 10-hour days and six days off, he has a lot of time to spend outdoors. He has biked the Blue Ridge Parkway twice and has biked some in eastern North Carolina. He has no plans of retiring any time soon but says when he does he plans on sitting on his porch and doing nothing. When asked if he plans on fishing or playing any golf he says. “I am not much of a fisherman and I have lost a lot of good friends to golf. They used to ride ATVs but not since they started playing golf!” Barnett loves what he does for now maintaining the water supply and sewer system for the highest peak east of the Mississippi River.

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**Operator’s Spotlight**

**A Conversation with Barry Parks**

Director of Water Resources for the City of Wilson, Barry Parks, says he absolutely loves his job serving the customers in the City of Wilson and Wilson and Johnston counties. Parks is responsible for water treatment, wastewater, wastewater collections, and wastewater treatment. He says it takes 109 employees to help him oversee the daily operations in water and wastewater. The City of Wilson has approximately 50,000 customers on the water side and it supplies water for a few thousand in Wilson County, the northeast corner of Johnston County, and the Town of Elm City. On the sewer side, Lucama, Black Creek, and Simms are serviced along with the City of Wilson.

Parks says he has worked his way up through the ranks of the water industry, starting with the town of Apex in 1982 as its water treatment operator. In 1983, he won the North Carolina Waterworks Operators Association’s Operator of the Year award! The following year he started with the City of Wilson.

“February 15, 1984 to be exact,” he says. “I have a lot of good people I work with and I started out as the water treatment manager, responsible for the city’s two plants.”

Parks has a degree from the University of North Carolina at Chapel Hill in Chemistry and holds an A-Surface, a Wastewater Treatment II, C Distribution, Grade I Collection Systems, and Spray Irrigation certifications. He took a job as a chemist with a small private lab in Raleigh after he graduated from UNC, but was eventually laid off due to an economic downturn.

“Like a lot of us do that have a wife and house payment, I had to find a job very quickly,” he says. “I found the job with the Town of Apex and that is where I started my water career in 1982.”

Parks has kind of come full circle since his days at Apex. He says back in those days you had to do everything, which allowed him to help with wastewater issues and distribution piping. Gaining that experience has really helped him advance with the City of Wilson and prepared him to oversee both the water and wastewater sides. He says the water industry is constant and so much goes on behind the scenes that people are never even aware of and he thinks this is how it should be.

“Expected and we are supposed to be the non-thought about utility,” Parks says. “It’s supposed to be so reliable and safe that people don’t think about it. Just like your power, it’s expected and good. It’s that way because we are providing a reliable, safe product. It’s a 24-hour a day job. I have a lot of really super good people that are dedicated to doing what they are supposed to be doing and sometimes it’s in the middle of the night and in bad weather.”

Parks does have a concern for the water industry and feels that water industry professionals across the state share the same concern that there doesn’t seem to be a lot of new people coming into the industry. Parks says he sees people retiring every day from the industry and replacing them is getting more difficult.

“We have a definite graying of our industry,” he says. “It’s not easy to replace that brain drain and experience drain. People don’t seem to be thinking about that. I am an example of how you can have career advancement. I have an education background, but I have seen people to do it without one.”

Parks feels this is a big selling point for water industry careers; that you don’t have to obtain a 4-year degree to be a water professional and advance in the field. He says most places will give you on the job training and send you to school for the required certifications while you work.

Although Parks is 33 years into his career, he has no plans of retiring. He says he still has a daughter in college. When that time finally comes, he intends to be active in his church playing bells, singing in a quartet, and doing some white water rafting. For now, he is very content in his job with the City of Wilson.
Operator’s Spotlight

A Conversation with
Phillip Turbyfill

The Town of Weaverville, located in northern Buncombe County, has 2,500 water connections that equals about 62 miles of pipe and it’s Phillip Turbyfill’s job as Water Distribution Supervisor to make sure that water is distributed “clean, clear and potable.”

Turbyfill has been with the Town of Weaverville for 17 years. He has a maintenance crew of three plus one meter reader that helps him with the day-to-day operations.

“These guys are my arms and legs,” he says. “I love them to death.”

Turbyfill says his career in water officially began with the City of Asheville where he was a trade worker in pumps and reservoirs as well as the scada system manager for 10 years. However, he grew up in the industry.

“I think I was born in it,” he laughs. “It was planned for me, not me planning. My grandfather owned a commercial plumbing business and I was introduced to plumbing at the ripe old age of 5.”

He studied drafting and design technology for a short stint in school and realized that was just not for him. He says it all just fell into place with Asheville because they needed someone and he was looking to leave his textile mechanics job. Turbyfill is very proud of the work he has done over the course of his 17 years. He is responsible for the maintenance crew, locating, customer service, meter reading, tap installations, and plan reviews for water main extensions. He says it is replace and repair.

“We have done a lot of replacement and my philosophy is if it’s rusty replace it, not just repair it,” he says. “Our unaccounted water is 3-6 percent a month and the industry average is 15 percent. We are really fortunate to keep as much of our water in the pipes as possible. We pride ourselves in keeping our system water tight.”

The thing he likes the most about being on the distribution side is problem solving. He really enjoys helping the town maintain a tight water system and helping to find solutions for consumption and distribution problems. He says he can retire in exactly 5 years and 3 months and plans on playing a lot of golf and spending time with his grandchildren.

Until then, he will continue with the Town of Weaverville and be looking for the best and brightest that love what they do to join the Weaverville team. He says what a lot of other industry leaders say, there are not enough people choosing water as a career.

“It’s hard to find guys that love what they are doing,” he says. “It’s getting harder and harder to do. Most towns will train you on the job and the certifications will come with the training. This is the most secure job on the planet. You can’t get water through a data connection. There is always going to be pipes in the ground and I don’t regret being in this industry.”

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Kathy.Gatlin@univarusa.com
704.996.7825
The City of Roxboro is a small community located north of Durham and is the only municipal water supply in Person County. The water system serves approximately 12,000 people with some industrial customers.

The City commissioned a new conventional water plant to be built in 1953 which had 2 slow sand filters. As more water demand grew the city expanded the water plant in 1963 with the addition of another settling basin and filter and replaced all filter media with dual media sand and anthracite coal. That expansion increased the plant capacity to 8 MGD.

Water supplied to the water plant comes from Roxboro City Lake with approximately 200 acres and Lake Roxboro with approximately 600 acres. For future use Roxboro has acquired the permitting for use of Dan River in Milton NC that could yield about 60 MGD.

In 2009 and 2010 we started having high THM’s with the Stage 1 DBP rule. Some of this problem with the THM’s was due to major industries (that used a large volume of water) closing down which created a high water age in our distribution system. Also our source water TOC’s had gradually increased over 10 years which was suspected partly due to lower usage from the City Lake. In 2010 we began a study with ferric sulfate and found that we could switch from aluminum chloride (as a coagulant) to ferric sulfate and get better results. The drawback of using ferric sulfate was that it would take a large volume of that chemical and more caustic to balance the pH. This also would create more waste sludge.

With the start of the Stage 2 THM and HAA5 rule, we knew we would have violation potentials with our maximum residence locations. In 2009 we had already began working with our city engineering consultant to look at a long term solution to meeting the Stage 2 DBP rule. We began a study with Orica Water Care now IXOM. With the TOC levels we were getting, the test showed that about 80% to 90% of the levels were DOC’s and the current chemical treatment was limiting removal. Our city engineering consultant compared different treatment strategies and the handling of treatment waste and it was more cost effective (with better water quality) if we used the Orica Water Care using the MIEX system. This consisted of using a constructed contactor with the addition of a DOC magnetic resin that would remove a large portion of the DOC’s. Then the aluminum chloride would easily remove the remaining organics in our current treatment process.

The Miex treatment went online in November 2014. This system uses salt to clean the resin and to regenerate it. The resin is regenerated currently at 2 gallons per million gallons treated. The use of the resin allowed us to reduce the aluminum chloride dose to 8 parts per million dry weight and in turn reduced the caustic for pH adjustment. The chlorine demand was reduced due to less TOC levels. We were able to reduce the TOC’s from 6.00 mg/l on the raw water to 2.5 mg/l and to 1.1 mg/l after the MIEX system in our finished water.

During the construction period we also switched from gas chlorine to sodium hypochlorite. The sodium hypochlorite and the lower TOC’s enables the distribution system to maintain a more consistent chlorine residual. Our THM’s are in control at this time and at our maximum residence locations, keeping us in compliance with state and federal drinking water standards.
What’s happening at your plant?

Are you going through an upgrade, adding some new features, starting a new process? Want to share your experience with other operators?

NCWOA would love to include your article in Go With The Flow. Anyone interested please contact Heather Cagle at heather@ncwoa.com
Starting in January 2016, the Go With the Flow will be issued in January, April, July, and October.

2016 seminar information will be listed in the January 2016 issue.

Interested in hosting a NCWOA Training Seminar?

Location Requirements:
- Classroom seating for at least 40 people
- Separate area to serve catered lunch
- Adequate parking
- Internet capabilities
- Projection screen

Seminar Themes:
- Groundwater Systems
- Residuals/Solids Handling
- Sourcewater Protection & Management
- Reverse Osmosis
- NPDES Permitting

You can choose the theme & we will work in special topics specific to your area.

Anyone interested please contact Heather Cagle at 336.803.6525 or heather@ncwoa.com.
NCWOA Seminars with Proposed Agendas

All NCWOA seminars listed on pages 6-8 are for 6.0 contact hours and are pre-approved by the NCWTFOCB for treatment and distribution operators. Many of the seminars will also qualify for 6.0 wastewater contact hours. Individuals that attend an entire seminar will receive a Certificate of Attendance for 6.0. Please see each individual seminar agenda or description for details. Registration form is available on page 9.

Getting in Touch with Your Chemical Side
October 13, 2015 in Statesville and December 17, 2015 in Dunn

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 - 8:30</td>
<td>Registration &amp; Welcome</td>
</tr>
<tr>
<td>8:30 - 8:45</td>
<td>Regulatory Update</td>
</tr>
<tr>
<td>8:45 - 9:30</td>
<td>Working with your chemical supplier to tailor to your needs</td>
</tr>
<tr>
<td>9:30 – 10:15</td>
<td>The importance of proper bulk chemical scheduling</td>
</tr>
<tr>
<td>10:15 – 10:30</td>
<td>Break</td>
</tr>
<tr>
<td>10:30 – 11:45</td>
<td>Caustic Storage and Safety</td>
</tr>
<tr>
<td>11:45 – 12:45</td>
<td>Lunch Provided on Site</td>
</tr>
<tr>
<td>12:45 – 2:15</td>
<td>Feeding and Storing Your Chlorine Safely</td>
</tr>
<tr>
<td>2:15 – 2:30</td>
<td>Break</td>
</tr>
<tr>
<td>2:30 - 3:15</td>
<td>Picking Your Polymer - Finding the polymer that works best for you</td>
</tr>
<tr>
<td>3:15 - 4:00</td>
<td>Chemicals + Optimization = Savings</td>
</tr>
</tbody>
</table>

Distribution, Collection and O&M (in coordination with the City of Greensboro)
October 20, 2015 in Greensboro

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 - 8:30</td>
<td>Registration &amp; Announcements</td>
</tr>
<tr>
<td>8:30 - 9:15</td>
<td>Regulations for Distribution and Collection  NCDENR</td>
</tr>
<tr>
<td>9:15 - 10:10</td>
<td>Maintenance, Dell Harney, Greensboro</td>
</tr>
<tr>
<td>10:10 - 10:25</td>
<td>Break</td>
</tr>
<tr>
<td>10:25 - 10:55</td>
<td>Pipeline Assessment &amp; Rehab, CDM Smith</td>
</tr>
<tr>
<td>10:55 - 11:25</td>
<td>Collection Corrosion Control, HDR</td>
</tr>
<tr>
<td>11:25 - 12:00</td>
<td>Modeling of Distribution Systems, H&amp;S</td>
</tr>
<tr>
<td>12:00 - 1:00</td>
<td>Lunch (provided)</td>
</tr>
<tr>
<td>1:00 - 1:30</td>
<td>OSHA for Collection/Distribution, HDR</td>
</tr>
<tr>
<td>1:30 - 2:15</td>
<td>Water Distribution O&amp;M/Optimization, CDM Smith</td>
</tr>
<tr>
<td>2:15 – 2:30</td>
<td>Break</td>
</tr>
<tr>
<td>2:30 - 3:15</td>
<td>Asset Management, CDM Smith</td>
</tr>
<tr>
<td>3:15 - 3:45</td>
<td>IDSE Case Study</td>
</tr>
<tr>
<td>3:45 - 4:00</td>
<td>Group Q&amp;A, All</td>
</tr>
<tr>
<td>4:00</td>
<td>6 Contact hours for all DRINKING WATER and WASTEWATER certifications</td>
</tr>
</tbody>
</table>

Grab it Right: What You Need to Know About Sampling & Reporting
November 5, 2015 in Kinston

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>8:00 – 8:30</td>
<td>Registration</td>
</tr>
<tr>
<td>8:30 – 8:40</td>
<td>Welcome</td>
</tr>
<tr>
<td>8:40 – 9:00</td>
<td>PWS Section Regional Office Regulatory Update</td>
</tr>
<tr>
<td>9:00 – 10:00</td>
<td>Sampling Plans/Brief Where to Sample – PWS Section</td>
</tr>
<tr>
<td>10:00 – 10:15</td>
<td>BREAK</td>
</tr>
<tr>
<td>10:15 – 10:35</td>
<td>Sampling In the Plant – Ground Water Perspective</td>
</tr>
<tr>
<td>10:35 – 11:05</td>
<td>Sampling In the Plant – Surface Water Perspective</td>
</tr>
<tr>
<td>11:05 – 12:00</td>
<td>Distribution System Sampling</td>
</tr>
<tr>
<td>12:00 – 1:00 pm</td>
<td>LUNCH</td>
</tr>
<tr>
<td>1:00 – 1:30</td>
<td>New LDS Software for Reporting – PWS Section or Lab</td>
</tr>
<tr>
<td>1:30 – 2:00</td>
<td>Maintaining Records and Retention Schedules</td>
</tr>
<tr>
<td>2:00 – 2:30</td>
<td>How to Verify Submittal of Results</td>
</tr>
<tr>
<td>2:30 – 2:45</td>
<td>BREAK</td>
</tr>
<tr>
<td>2:45 – 3:30</td>
<td>New Equipment/Instruments in the Market for Sampling and Testing – Focus on Field/Plant Sampling</td>
</tr>
<tr>
<td>3:30 – 4:00</td>
<td>Working With and Choosing a Lab</td>
</tr>
<tr>
<td>4:00</td>
<td>Certificates awarded for 6 Contact hours for all DRINKING WATER certifications</td>
</tr>
</tbody>
</table>

For online seminar registration please check our website www.ncwoa.com
We Appreciate Our Corporate Sponsors!

**Update from Certification Board**

The Certification Board met on September 15, 2015. During the meeting the Board was updated on two items from the staff.

1. The final stages are being put into place for the Certification Board (NCDENR - Division of Water Resources - PWS) to be able to receive renewal payments electronically.

2. The on-line Drinking Water Operator Portal is also close to completion. This portal will allow an operator to review his/her contact information, continuing education credits, certificate renewal payments, examinations, certificates and facilities for which he/she is an ORC. Operators may also update certain information within the portal.

The State and Certification Board staff have been looking at ways to improve efficiency and allow operators to have more information at their fingertips.

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**Additional NCWOA Sponsored Training**

- **Process Control Chemistry**
  - March 1-4, 2016
  - Contact Michelle 919-807-8756

- **Bacteriological Methods for Drinking Water**
  - Feb. 16-18, 2016
  - Contact Michelle 919-807-8756

- **NCWOA Spring School**
  - April 4-8, 2016 in Morganton
  - A, B, & C Surface
  - B & C Well

- **Advanced Day, April 6, 2016**
- **Brochures out around Jan 10, 2016**

- **Lab Tech Day**
  - THURSDAY May 5, 2016 in Raleigh
  - **Brochures out around Feb 15, 2016**

See January issue for more 2016 training events.
SEMINAR REGISTRATION FORM

Deadline for entry is receipt at least 4 business days before a seminar.
Space is limited - First Paid, First Accepted

Please Print or Type

NAME (First, MI, Last): ____________________________________________ Nickname (For Tag): ____________________________

SOCIAL SECURITY # (last 4 digits): XXX-XX-_________ EMPLOYER: _______________________________________________________

MAILING ADDRESS

CITY: __________________________ COUNTY: __________________________ STATE: _______ ZIP: ____________

WORK PHONE: ______________________ Ext: _______ FAX: __________________________

EMAIL ADDRESS: ____________________________________________________________

NC WATER TREATMENT CERTIFICATE # (OPERATOR ID #): ___________  NCWOA MEMBER #: __________________________

NC WATER TREATMENT CERTIFICATE TYPE: AS BS CS AW BW CW DW AD BD CD DD CC/BF None

NC WASTEWATER CERTIFICATION # (OPERATOR ID #): ____________ (Applies only to seminars indicated with a ^)

NCWOA MEMBER PRICE IS $65.00  (Must put your INDIVIDUAL NCWOA membership number on the line above to qualify)
NON-MEMBER PRICE IS $95.00  (**Free 2016 NCWOA membership included in this price.)

***Getting in Touch with Your Chemical Side - October 13, 2015 in Statesville  Cost $ _________
***Distribution, Collection and O&M - October 20, 2015 in Greensboro  Cost $ _________
**Grab it Right: What You Need to Know About Sampling & Reporting - November 5, 2015 in Kinston  Cost $ _________
***Getting in Touch with Your Chemical Side - December 17, 2015 in Dunn  Cost $ _________

Registration information for future seminars will be available in the January issue of Go With the Flow.
Please make checks payable to “NCWOA” or “North Carolina Waterworks Operators Association”. We DO NOT accept Purchase Orders. Credit Card payments may be mailed, faxed, or scanned but NOT called in. A confirmation letter/receipt and map will be mailed to each attendee once full payment is received.

REFUNDS: We will issue a refund (minus a $20 administrative fee), if the refund is requested, in writing, at least 7 business days prior to the event. Refunds will be made in the same manner as payment. Substitutions may be made. Please inform us, as soon as possible, of substitutions so that the appropriate certificates of attendance may be generated.

CONTACT HOUR INFORMATION: Each of the seminars are worth 6 contact hours and have been PRE-APPROVED by the NCWTFO Certification Board for Water Treatment Facility Operators continuing education hours. All seminars marked with a “^” have ALSO been pre-approved by the Wastewater Commission for 6 hours.

CREDIT CARD PAYMENT

Credit Card Type: ___ Visa  ___ MC  ___ AmEx  ___ Discover

Name on Credit Card: ____________________________________________

Credit Card Number: ____________________________________________

Exp Date: Month _______ Year _______ Security Code from back of Card _________

Cardholder’s Signature: __________________________________________

If cardholder is other than attendee, what email address should the CC receipt be sent to? __________________________________________

To ensure that you receive the emailed receipt, please add cindy@ncwoa.com to your email address book.

NCWOA USE: Amount: ____________  CK# ___________________________  E  S  Processed: ____________________________

PLEASE SEND APPLICATION AND PAYMENT TO:
Cindy Gall, NCWOA Administrator
PO Box 4519
Emerald Isle, NC  28594
Phone: 252-764-2094
Fax: 252-764-2095
Email: cindy@ncwoa.com
Membership Application

NEW OR RENEWAL MEMBERSHIP APPLICATION – ANNUAL DUES ARE $25.00 FOR 2016

First Name: ___________________________    Middle Initial: ________    Last Name: ___________________________

Nickname: ___________________________    Social Security # (last 4 digits): xxx-xx-_________    If Renewal, what is your NCWOA Member #: ________________

YOUR Individual Operator Certification #: (Issued by NCWTFOCB) ________________

Certificate(s) Held:

____ A-Surface    ____ B-Surface    ____ C-Surface    ____ A-Well    ____ B-Well    ____ C-Well    ____ D-Well
____ A-Dist    ____ B-Dist    ____ C-Dist    ____ D-Dist    ____ Cross-Connection

________________________________________    ________________________ Wastewater #'s & certificate type

____ None Yet    ____ You are not an Operator & do not plan to become Certified.

PLEASE SELECT YOUR PREFERRED ADDRESS (This is where confirmations & membership info will be sent.)

____ Home Address: _________________________________________________________________________________________________

City: ___________________________________  State ___________  Zip _________________  County: ________________________

____ Employer Name: ________________________________________________________________________________________________

MAILING Address: ________________________________________________________________________________________________

City: ___________________________________  State ___________  Zip _________________  County: ________________________

Work Phone: __________________________    Ext: _________    Fax: ____________________________

Home Phone: __________________________    Cell Phone: ____________________________

Email Address: _________________________________________________________________

How would you like to receive your issues of Go With The Flow?     Postal Delivery ________    OR    Email ________

How would you like to receive your Section Meeting notices?     Postal Delivery ________    OR    Email ________

NOTE: Memberships are based upon a calendar year. Membership cards will be mailed with receipt. These cards will contain your name, membership number, and membership expiration date.

NOTE: Please make checks payable to “NCWOA” or “North Carolina Waterworks Operators Association”. We do NOT accept Purchase Orders. Credit Card payments may be mailed, faxed, or scanned but NOT called in

CREDIT CARD PAYMENT

Credit Card Type: ____ Visa    ____ MC    ____ AmEx    ____ Discover

Name on Credit Card: _________________________________________________________________

Credit Card Number: __________________________

Exp Date: Month _____ Year _____ Security Code from back of Card ________

Cardholder’s Signature: ____________________________________________________________

If cardholder is other than member, what email address should the CC receipt be sent to? _________________________________________________________________

To ensure that you receive the emailed receipt, please add cindy@ncwoa.com to your email address book.

PLEASE SEND APPLICATION AND PAYMENT TO:

Cindy Gall, NCWOA Administrator
PO Box 4519
Emerald Isle, NC  28594
Phone: 252-764-2094
Fax: 252-764-2095
Email: cindy@ncwoa.com

NCWOA USE:

Amount: _______________            CK# _______________            E   S            Processed: _______________
### 2015-2016 Executive Committee

**President**  
Julius Patrick  
Greenville Utilities  
Phone: (252) 551-1561  
Email: patricje@guc.com

**First Vice-President**  
Jeff Isley  
City of Concord  
Phone: (704) 920-5723  
Email: isleyj@concordnc.gov

**Second-Vice President**  
Ken Loflin  
OWASA  
Phone: (919) 537-4232  
Email: kloflin@owasa.org

**Secretary**  
Michelle Clements  
The East Group  
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Email: michelle.clements@eastgroup.com

**Treasurer**  
Randy Hawkins  
City of Charlotte – Franklin WTP  
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Email: rhawkins@ci.charlotte.nc.us

**Past President**  
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Fayetteville Public Works  
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Email: chris.smith@faypwc.com

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Currituck County  
Phone: (252) 232-6061  
Email: pat.irwin@currituckcountync.gov

**Chair - Public Image**  
Leslie Carreiro  
City of Asheville – North Fork WTP  
Phone: (828) 271-6105  
Email: lcarreiro@ashevillenc.gov

**Chair – Nomination Committee**  
Sam Molinas  
Broad River Water Authority  
Phone: (828) 286-0731  
Email: smolinas@ncbrwa.com

**Chair – Western Section**  
Ray McCall  
Piedmont Triad Regional Water Authority  
Phone: (336) 382-2373  
Email: ray@ncwoa.com

**Chair – North Piedmont Section**  
Steve Pope  
Piedmont Triad Regional Water Authority  
Phone: (336) 382-2373  
Email: spope@ptrwa.org

**Chair – South Piedmont Section**  
Paul Judge  
PWS - MRO  
Phone: (704) 235-2123  
Email: paul.judge@ncdenr.gov

**Chair – Southeast Section**  
James Merritt  
Phone: 910-223-4710 x 4230  
Email: James.merritt@faypwc.com

**Chair – Northeast Section**  
Mike Houston  
Jones County  
Phone: (252) 448-8000 ext. 310  
Email: mhouston@jonescountync.gov

**Distribution Officer**  
Randy Hawkins  
City of Charlotte – Franklin WTP  
Phone: (704) 948-6954 x 224  
Email: rhawkins@ci.charlotte.nc.us

### 2015-2016 Committees

**Finance Committee**  
**Board Director:** Randy Hawkins  
Ricky Langley (Chair)  
Randy Hawkins  
Chris Smith  
Ken Loflin  
Julius Patrick  
Jeff Isley

**Professional Development Committees**  
**Board Director:** Julius Patrick  
Seminars  
Christyn Fertenbaugh (Chair)  
Dana Hill  
Howard Corey  
Diane Williams  
Tim Bishop  
Seola Hill  
Vance Brooks  
Tony Mencome  
Pam Moss  
Allan O’Briant  
Dail Booth  
Lee Latham

**Board of Examiners**  
Pat Irwin (Chair)  
Ricky Langley  
Julius Patrick  
Victor Quick  
Heather Adams  
Adam Waters  
Mark Hahn  
Chris Smith  
Jay Van Hoose  
Rani Holland  
Tommy Overby  
Randy Hawkins  
Jeff Carlisle  
Ken Loflin  
Dail Booth  
Paul Judge

**Annual Schools**  
Sandra Bradshaw (Co-Chair)  
Mark Hahn (Co-Chair)  
Lee Kiser  
Chris Smith

**Lab Analyst**  
Chris Goforth (Co-Chair)  
Bernadine Wardlaw (Co-Chair)  
Amy Watters (Co-Chair)  
Jeff Isley  
Sandra Bradshaw  
Patricia Quinichett  
Cindy Gall  
Dustin Guyer  
Chris Johnson  
Steve Beale  
Jesse Chadwick  
Gina Kimble  
Chris Johnson  
Elizabeth Meyer

**Public Image Committees**  
**Board Director:** Leslie Carreiro  
Kathy Gatlin (Chair)  
Pam Gibbons  
Bessy Farmer  
Julius Patrick  
Steve Pope

**Public Image**  
Kathy Gatlin (Chair)  
Pam Gibbons  
Bessy Farmer  
Julius Patrick  
Steve Pope

**Rules**  
Tommy Overby (Chair)  
Mack Edmisten  
James Fuller  
Ricky Langley  
Jay Van Hoose  
Marty Wilson

**Operator of the Year Award**  
Chris Smith (Chair)  
PWS Representative - Joey White  
Russell Bateman

**Leadership Committees**  
**Board Director:** Jeff Isley  
Nominating  
Sam Molinas (Chair)  
Mike Houston  
Paul Judge  
James Merritt  
Steve Pope  
Ray McCall

### Section Meetings

If your facility would be interested in hosting any of these meetings, please contact your section chair listed above. To see who you have been missing at the section meetings, check out the section meeting button on our website at www.ncwoa.com!

<table>
<thead>
<tr>
<th>Section</th>
<th>Northeast</th>
<th>Southeast</th>
<th>North Piedmont</th>
<th>South Piedmont</th>
<th>Western</th>
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<tbody>
<tr>
<td>Northeast</td>
<td>10/15/15</td>
<td>10/15/15</td>
<td>10/21/15</td>
<td>10/22/15</td>
<td>10/1/15</td>
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<tr>
<td>Hookerton</td>
<td>11/10/15</td>
<td>10/21/15</td>
<td>10/22/15</td>
<td>10/1/15</td>
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<tr>
<td>Henderson</td>
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<tr>
<td>New River State Park</td>
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**Important Phone Numbers & Websites**

<table>
<thead>
<tr>
<th>Phone Number</th>
<th>Website Link</th>
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<tbody>
<tr>
<td><strong>Main Phone # for Certification Board</strong></td>
<td>919-707-9040</td>
</tr>
<tr>
<td><strong>Jessica Godreau, PWS Section Chief</strong></td>
<td>919-707-9078</td>
</tr>
<tr>
<td><strong>Linda Raynor, Compliance Services Branch</strong></td>
<td>919-707-9095</td>
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<tr>
<td><strong>Robert Midgette, Operation Branch</strong></td>
<td>919-707-9088</td>
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<tr>
<td><strong>Jay Frick, PWS – Protection &amp; Enforcement Branch</strong></td>
<td>919-707-9102</td>
</tr>
<tr>
<td><strong>Bethany Goodwin, PWS – Consumer Confidence Reports</strong></td>
<td>919-707-9079</td>
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<tr>
<td><strong>Public Water Supply Offices:</strong></td>
<td><a href="http://www.deh.enr.state.nc.us/pws">www.deh.enr.state.nc.us/pws</a></td>
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<tr>
<td><strong>Central Office</strong></td>
<td>919-707-9100</td>
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<tr>
<td><strong>Asheville</strong></td>
<td>828-296-4500</td>
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<tr>
<td><strong>Mooresville</strong></td>
<td>704-663-1699</td>
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<td><strong>Winston-Salem</strong></td>
<td>336-776-9800</td>
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<tr>
<td><strong>Raleigh</strong></td>
<td>919-791-4200</td>
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<tr>
<td><strong>Fayetteville</strong></td>
<td>910-433-3300</td>
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<tr>
<td><strong>Washington</strong></td>
<td>252-946-6481</td>
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<td><strong>Wilmington</strong></td>
<td>910-796-7215</td>
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<tr>
<td><strong>NC State Laboratory of Public Health</strong></td>
<td>919-733-7308</td>
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<tr>
<td><strong>SDWA Hotline</strong></td>
<td>800-426-4791</td>
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<tr>
<td><strong>EPA SDWA Website</strong></td>
<td><a href="http://www.epa.gov/safewater">www.epa.gov/safewater</a></td>
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<tr>
<td><strong>EPA Microbial &amp; DBP Data from Drinking Water Systems Website</strong></td>
<td><a href="http://www.epa.gov/enviro/html/icr">www.epa.gov/enviro/html/icr</a></td>
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<td><strong>NC Waterworks Operators Association (NCWOA)</strong></td>
<td>252-764-2094</td>
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<tr>
<td><strong>NC Rural Water Association</strong></td>
<td>336-731-6963</td>
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<tr>
<td><strong>NC AWWA-WEA</strong></td>
<td>919-784-9030</td>
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